

REMARKS

By this amendment, the Abstract of Disclosure has been replaced as the last page of the application (page no. 30). The separate page for the Abstract of the Disclosure is attached.

The specification has been amended in order to conform the description of the drawings to U.S. practice. Likewise the drawings have been amended in order to conform them to U.S. practice.

Claims 19-49 are currently pending. The claims have been amended in order eliminate improper multiple claim dependency. No new matter has been introduced by these amendments.


The examiner is respectfully requested to consider the above preliminary amendment prior to examination of the application.

If there are any fees due in connection with the filing of this preliminary amendment, please charge the fees to Deposit Account No. 06-0916. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our deposit account.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: July 19, 2005

By: 
Ernest F. Chapman
Reg. No. 28,220

Attachments: Abstract of the Disclosure
Replacement Drawings
Annotated Drawings
EFC/FPD/sem

A schematic diagram of a magnetic core 12, which is a toroidal ring with diagonal hatching. The core has four poles: the top pole is labeled 'N' (North) and the bottom pole is labeled 'S' (South). The left and right poles are unlabeled. Four rectangular coils, each labeled 11, are positioned around the core: one at the top, one at the bottom, one on the left, and one on the right. On the left and right sides, there are coordinate systems with a vertical axis labeled 'II B' and a horizontal axis labeled 'a' with an arrow pointing to the right.

Fig. 1 is a cross-sectional view of a semiconductor device. It shows a substrate 13 with a central cavity 14. The cavity is defined by side walls 11. A central layer 12 is located within the cavity. A top layer 15 is positioned above the side walls 11. The substrate 13 is shown with a cross-hatched pattern, and the cavity 14 is shown with a dashed line indicating its depth.

FIG.2B

3/14

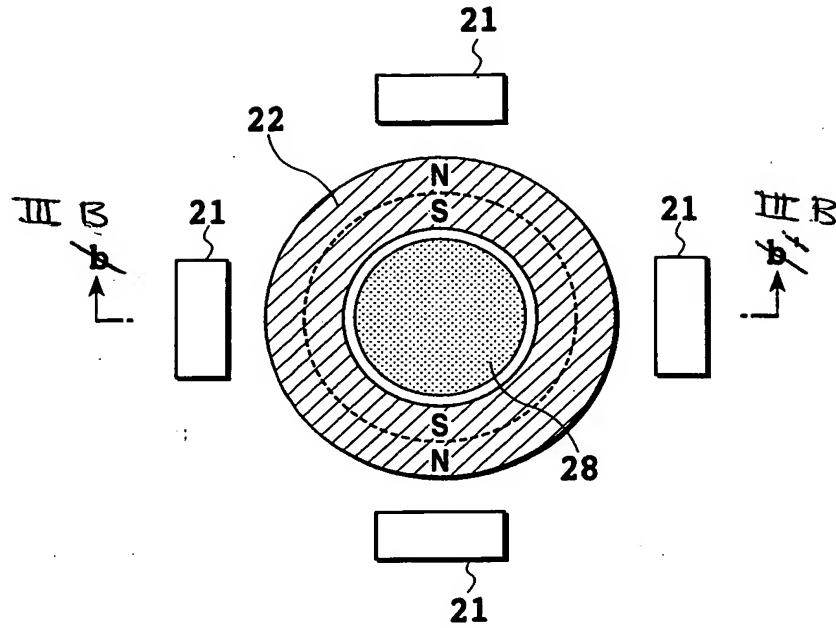


FIG. 3A

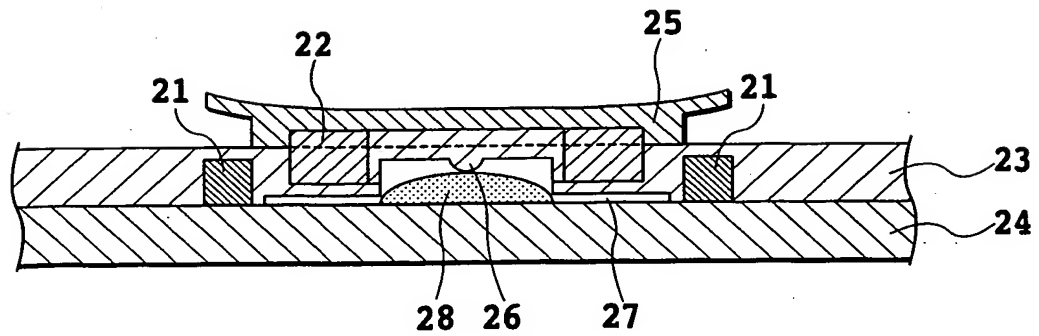


FIG. 3B

6/14

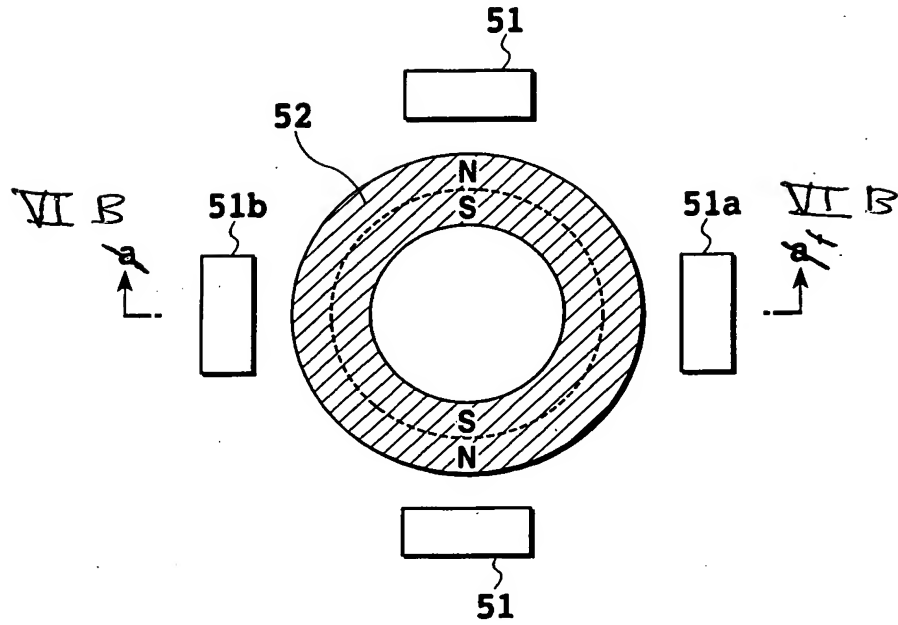


FIG. 6A

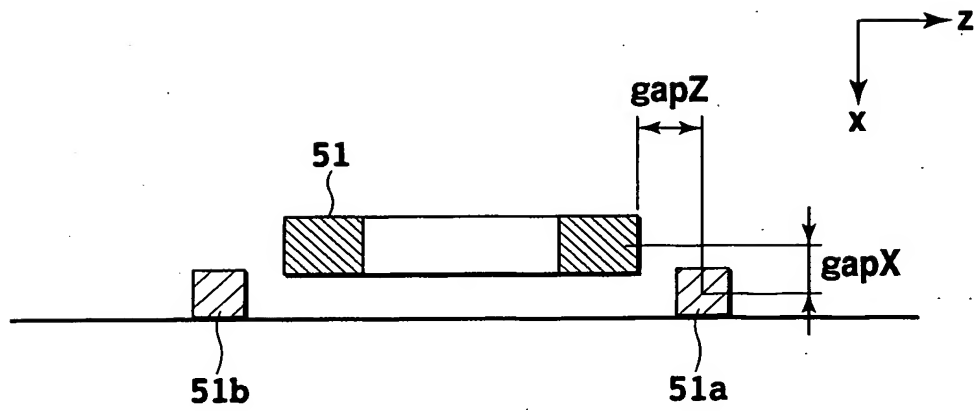


FIG. 6B

11/14

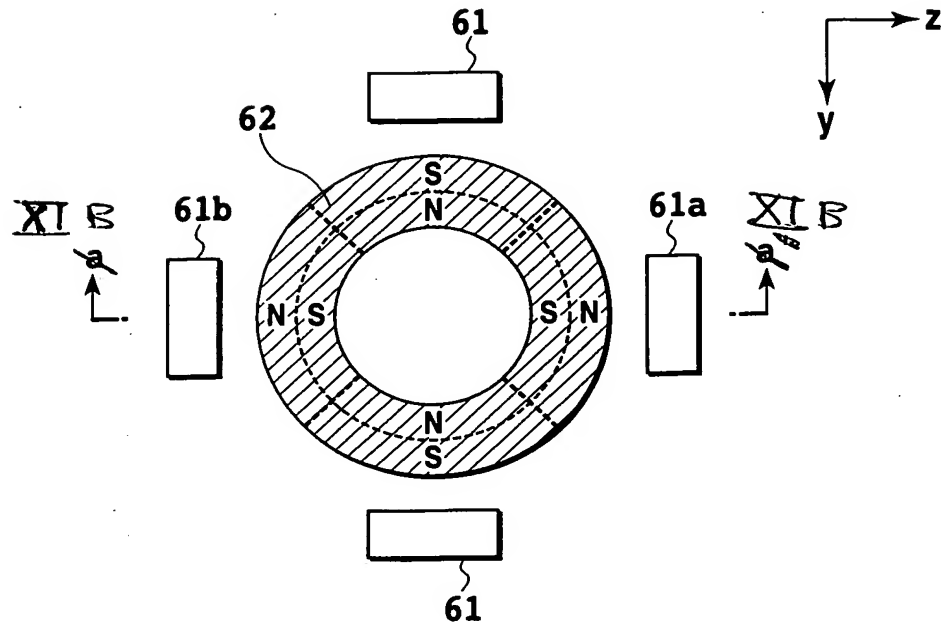


FIG. 11A

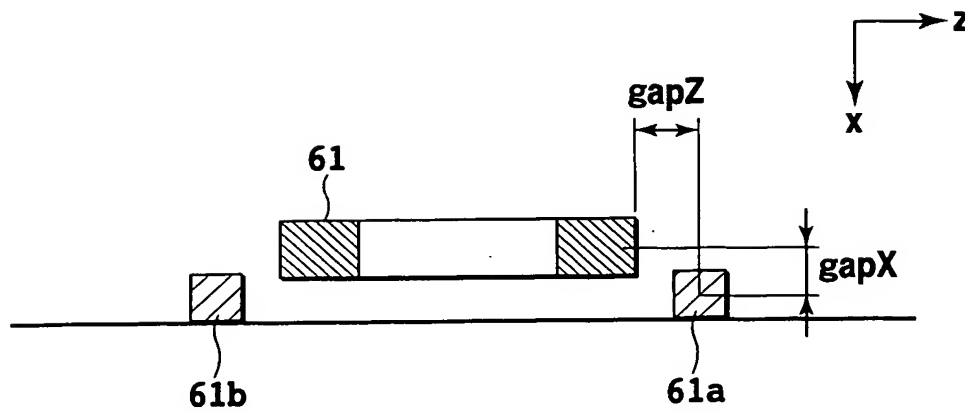


FIG. 11B

2/14

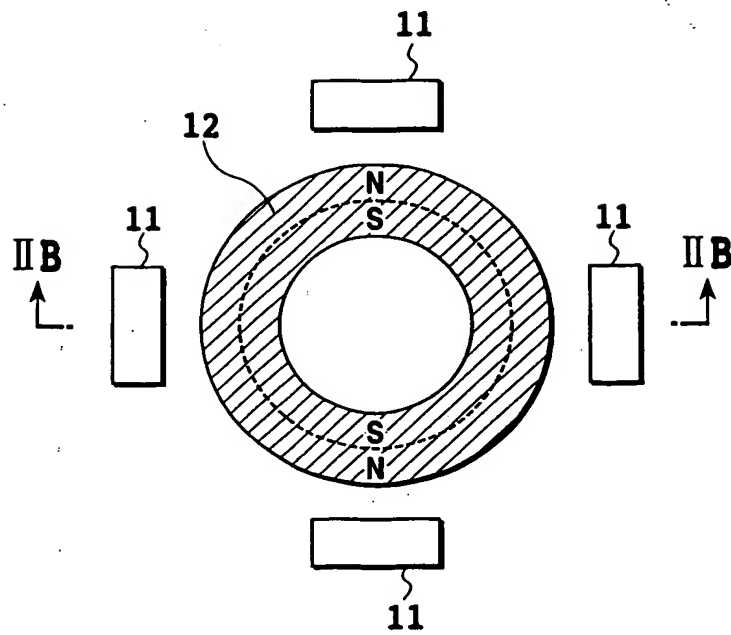


FIG. 2A

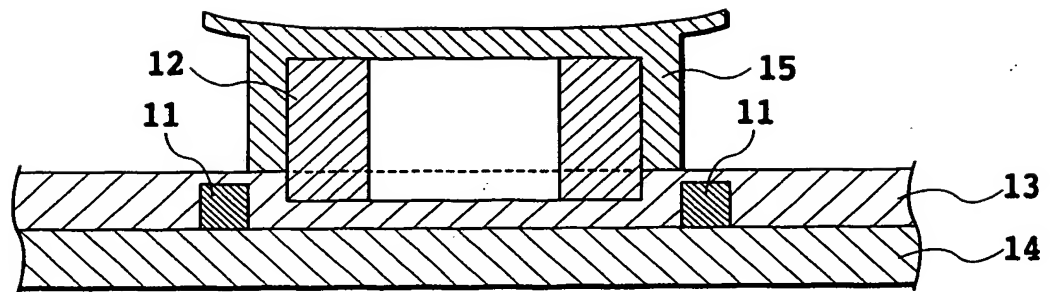


FIG. 2B

3/14

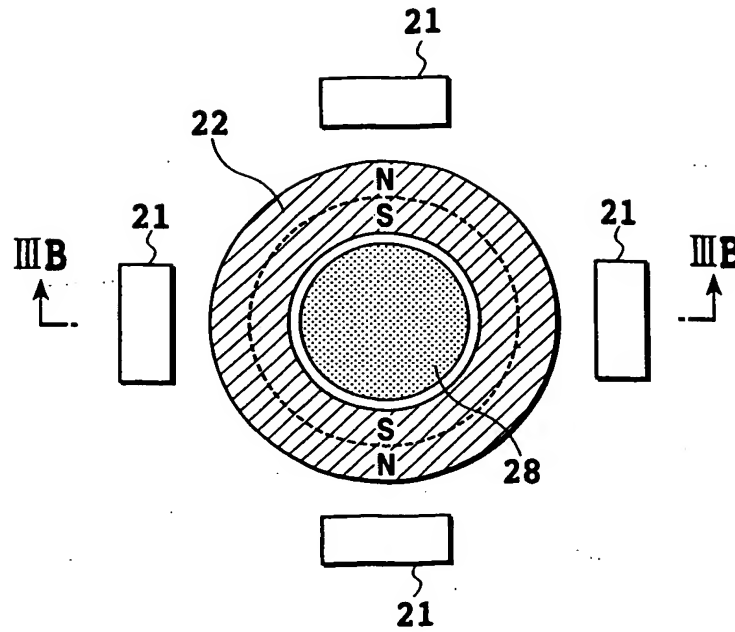


FIG.3A

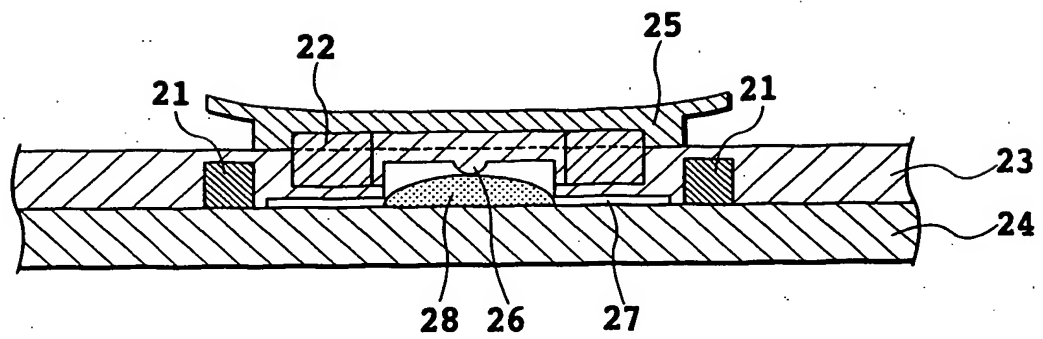


FIG.3B

6/14

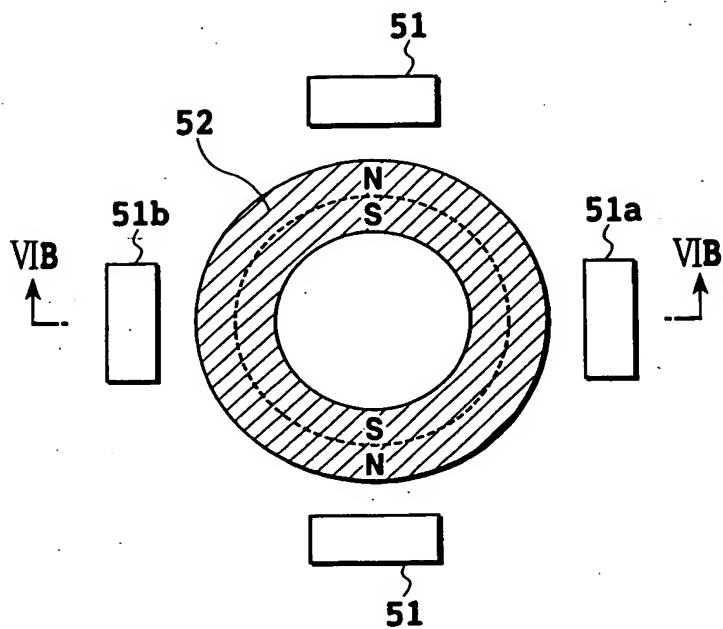


FIG. 6A

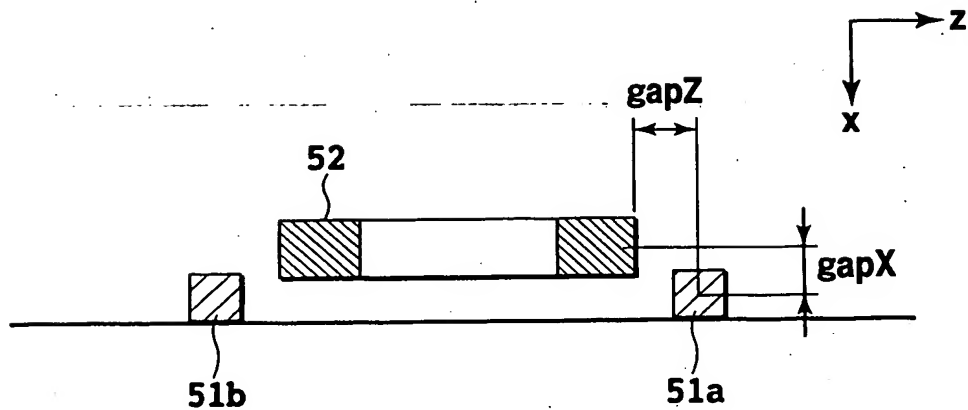


FIG. 6B

11/14

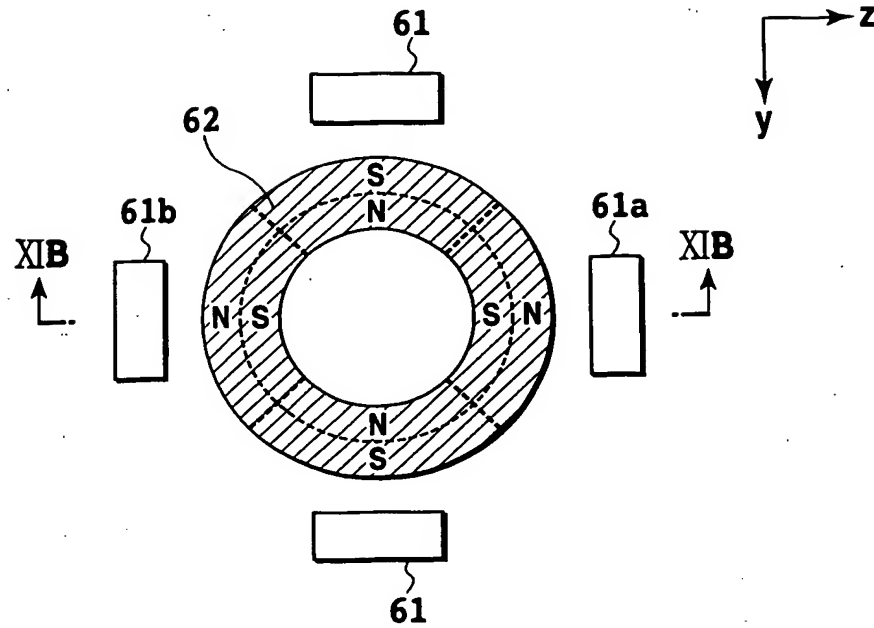


FIG. 11A

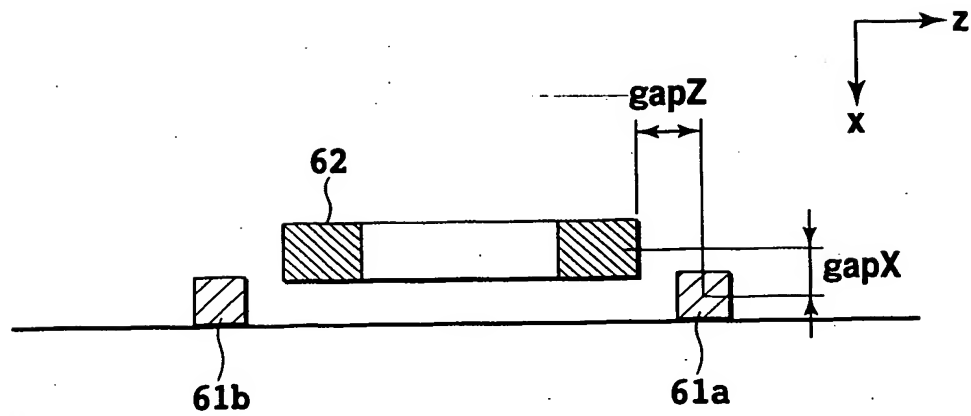


FIG. 11B